



# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. GP-303625 (8540R-000052)

First Inventor Jianying Shi

Title METHOD FOR OPTIMIZING ECU PARALLEL FLASH  
PROGRAMMING ARRANGEMENT ON A CAN-BASED VEHICLE  
SERIAL BUS IN GENERAL ASSEMBLY

Express Mail Label No. EL623599589US

10/692239

10/692239  
102303**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 32]  
*(preferred arrangement set forth below)*
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
- Oath or Declaration [Total Pages 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for a continuation/divisional with Box 18 completed)*
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of Attorney (*when there is an assignee*)
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16.  Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Associate Power of Attorney and Change of Correspondence Address

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No. \_\_\_\_\_ / \_\_\_\_\_  
 Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label   or  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

|         |   |           |              |          |              |
|---------|---|-----------|--------------|----------|--------------|
| Name    | General Motors Corporation – Legal Staff<br>Kathryn A. Marra  |           |              |          |              |
| Address | 300 Renaissance Center, Mail Code 482-C23-B21<br>P.O. Box 300 |           |              |          |              |
| City    | Detroit   | State     | MI           | Zip Code | 48265-3000   |
| Country | United States of America                                      | Telephone | 313-665-4708 | Fax      | 313-665-4976 |

|                   |   |                                   |                  |
|-------------------|---|-----------------------------------|------------------|
| Name (Print/Type) | Linda M. Deschere   | Registration No. (Attorney/Agent) | 34,811           |
| Signature         |  |                                   | Date 23 Oct 2003 |

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# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

810

Complete if Known

Application Number

Filing Date

First Named Inventor Jianying Shi

Examiner Name

Group / Art Unit

Attorney Docket No. GP-303625 (8540R-000052)

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money  Other  None Order
 Deposit Account:

Deposit Account Number

07-0960

Deposit Account Name

General Motors Corporation

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments
  Charge any additional fee(s) during the pendency of this application
  Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity | Small Entity  | Fee Description | Fee Paid               |
|--------------|---------------|-----------------|------------------------|
| Fee Code     | Fee Code (\$) | Fee (\$)        |                        |
| 1001         | 770           | 2001 385        | Utility filing fee     |
| 1002         | 340           | 2002 170        | Design filing fee      |
| 1003         | 530           | 2003 265        | Plant filing fee       |
| 1004         | 770           | 2004 385        | Reissue filing fee     |
| 1005         | 160           | 2005 80         | Provisional filing fee |

SUBTOTAL (1)

(\$ 770)

## 2. EXTRA CLAIM FEES

| Total Claims       | 20 | -20 ** | = 0 | X 18 | = 0 | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------|-----|------|-----|--------------|----------------|----------|
| Independent Claims | 2  | -3 **  | = 0 | X 86 | = 0 |              |                |          |
| Multiple Dependent |    |        |     | X    | = 0 |              |                |          |

## Large Entity

## Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  |
|----------|----------|----------|----------|--|
| 1202     | 18       | 2202     | 9        | Claims in excess of 20                                     |
| 1201     | 86       | 2201     | 43       | Independent claims in excess of 3                          |
| 1203     | 290      | 2203     | 145      | Multiple dependent claim, if not paid                      |
| 1204     | 86       | 2204     | 43       | ** Reissue independent claims over original patent         |
| 1205     | 18       | 2205     | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 0)

\*\* or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

## Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053     | 130      | 1053     | 130      | Non-English specification  |          |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for reexamination                                     |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252     | 420      | 2252     | 210      | Extension for reply within second month                                    |          |
| 1253     | 950      | 2253     | 475      | Extension for reply within third month                                     |          |
| 1254     | 1,480    | 2254     | 740      | Extension for reply within fourth month                                    |          |
| 1255     | 2,010    | 2255     | 1,005    | Extension for reply within fifth month                                     |          |
| 1401     | 330      | 2401     | 165      | Notice of Appeal   |          |
| 1402     | 330      | 2402     | 165      | Filing a brief in support of an appeal                                     |          |
| 1403     | 290      | 2403     | 145      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,330    | 2453     | 665      | Petition to revive - unintentional   |          |
| 1501     | 1,330    | 2501     | 665      | Utility issue fee (or reissue)   |          |
| 1502     | 480      | 2502     | 240      | Design issue fee   |          |
| 1503     | 640      | 2503     | 320      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) | 40       |
| 1809     | 770      | 2809     | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810     | 770      | 2810     | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801     | 770      | 2801     | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

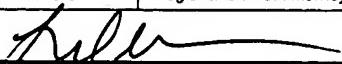
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                  |        |           |              |
|-------------------|---|----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Linda M. Deschere   | Registration No. Attorney/Agent) | 34,811 | Telephone | 248-641-1600 |
| Signature         |  |                                  |        | Date      | 23 Oct 2003  |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.